

**SUMANDEEP VIDYAPEETH**  
**COLLEGE OF PHYSIOTHERAPY**

**List of Completed Research Projects – Student**

| <b>Sr. No</b> | <b>Name of Student &amp; Department</b> | <b>Co-Investigator(s) &amp; Department(s)</b> | <b>Title</b>   | <b>Batch No. &amp; Roll No.</b> | <b>SV IEC Approval Date &amp; No.</b>                  | <b>SV IEC Completion Date &amp; No.</b>                          | <b>Remark *</b> |
|---------------|---|---|--|---------------------------------|--|--|-----------------|
| 1.            | Sukhpreet Pabla,<br>(Physiotherapy)     | Dr. Lata Parmar,<br>(Physiotherapy)           | Effect of intensive physiotherapy in patients with total knee arthroplasty   | Batch 2015-16                   | SVIEC/ON/Phys/<br>BNMPT/15/D16007<br><br>12-03-16      | SVIEC/ON/Phys/BNM<br>PT/017003<br><br>23-02-2017                 |                 |
| 2.            | Rutika Sureja,<br>(Physiotherapy)       | Dr. Lata Parmar,<br>(Physiotherapy)           | Effect of resisted hip abductor strengthening in initial phase in patients with hip arthroplasty                               | Batch 2015-16                   | SVIEC/ON/Phys/<br>BNMPT/15/D16008<br><br>12-03-16      | SVIEC/ON/Phys/BNM<br>PT/017004<br><br>23-02-2017                 |                 |
| 3.            | Tejasvi Gandhi,<br>(Physiotherapy)      | Dr. Kalpesh Satani,<br>(Physiotherapy)        | Changes in foot posture index in patients with knee osteoarthritis   | Batch 2015-16                   | SVIEC/ON/Phys/<br>BNMPT/15/D16009<br><br>12-03-16      | SVIEC/ON/Phys/BNM<br>PT/017002<br><br>23-02-2017                 |                 |
| 4.            | Pooja Raval,<br>Physiotherapy           | Dr. G. P. Kumar,<br>Physiotherapy             | Effect of intensive physiotherapy intervention in traumatic brain injury patients. Sample size: Consecutive referred patients. | Batch 2014-15                   | Date: 02-03-15<br>No. –<br>SVIEC/ON/BNMPt1<br>4/D15024 | Date: 22-01-2016<br><br>No.<br>SVIEC/ON/Phys/BNM<br>PT-14/016004 |                 |
| 5.            | Bindi Sorathia,                         | Dr. G. P.                                     | A study on distal motor  | Batch                           | Date: 02-03-15   | Date: 22-01-2016   |                 |

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|     | Physiotherapy                      | Kumar,<br>Physiotherapy | impairments and disabilities in type- II diabetic patients. Sample size: Consecutive referred patients.          | 2014-15          | No.<br>SVIEC/ON/BNMPt1<br>4/D15022                     | No.<br>SVIEC/ON/Phys/BNM<br>PT-14/016002                         |  |
| 6.  | Ruchi Sureja                       | Dr. Kalpesh Satani      | Functional disability in patients with osteoarthritis of knee joint. Sample size: Consecutive referred patients. | Batch<br>2014-15 | Date: 02-03-15<br>No.<br>SVIEC/ON/BNMPt1<br>4/D15023   | Date: 22-01-2016<br><br>No.<br>SVIEC/ON/Phys/BNM<br>PT-14/016005 |  |
| 7.  | Maitri Shukla                      | Dr. Lata Parmar         | Hamstring and quadriceps muscle strength in patient with osteoarthritis of knee                                  | Batch<br>2014-15 | Date: 25-08-15<br>No. –<br>SVIEC/ON/BNMPt1<br>4/D15028 | Date: 22-01-2016<br><br>No.<br>SVIEC/ON/Phys/BNM<br>PT-14/016003 |  |
| 8.  | Devmurari Parth,<br>Physiotherapy  | Dr.Kalpesh Satani,      | The effect of incentive spirometry in improving lung function after upper abdominal surgery. Sample size         | Batch<br>2013-14 | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14158            | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15013                      |  |
| 9.  | Manwani Chandni -<br>Physiotherapy | Dr.G.P.Kumar            | Influence of pain sensitivity on disability in patients with low back pain. Sample size – 48                     |                  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14153            | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15003                      |  |
| 10. | Shah Mansi -<br>Physiotherapy      | Dr.Lata Parmar          | Effect of infrared radiation on surgical incision in mothers with caesarean section. Sample size – 29            |                  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14160            | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15008                      |  |
| 11. | Manvani Ashita                     | Dr.Lata Parmar          | Immediate effect of physiotherapy in patients with   |                  | 06/02/14<br>SVIEC/ON/PHY/BM                            | 16-01-15   |  |

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|     | – Physiotherapy                       |                      | low back pain. Sample size – 33  |  | MPT-B/D14160                                | SVIEC/ON/PHY/BNM<br>PT13/D15001             |  |
| 12. | Macwan Noel -<br>Physiotherapy        | Dr.Lata Parmar       | To study proprioceptive impairments in oa knee patients. Sample size – 54  |  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14155 | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15010 |  |
| 13. | Dudhwala<br>Fenny -<br>Physiotherapy  | Dr.Kalpesh<br>Satani | Prevalence of neck and shoulder pain and risk factors among primary school teachers. Sample size – 338                     |  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14151 | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15007 |  |
| 14. | Chanpura<br>Dhwani -<br>Physiotherapy | Dr.Lata Parmar       | Establish normative value of tendom stance and unipedal stance in school going children 6 to 12 age.                       |  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14157 | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15006 |  |
| 15. | Desai Stuti -<br>Physiotherapy        | Dr.Kalpesh<br>Satani | Effects of passive stretching on blood glucose level in patients with type ii diabetes mellitus. Sample size – 23          |  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14156 | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15011 |  |
| 16. | Patel Bhavi -<br>Physiotherapy        | Dr.Lata Parmar       | Effect of vaginal cone on pelvic floor muscle strength in post menopausal women with stress incontinence. Sample size – 32 |  | 06/02/14<br>SVIEC/ON/PHY/BM<br>MPT-B/D14150 | 16-01-15<br>SVIEC/ON/PHY/BNM<br>PT13/D15002 |  |
| 17. | Gutt Chirag -                         | Dr.Kalpesh           | Aerobic capacity in tabacco  |  | 06/02/14                                    | 16-01-15                                    |  |

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|     | Physiotherapy                 | Satani           | smokers.   |  | SVIEC/ON/PHY/SVIEC/ON/PHY/BMMP T-B/D14152  | SVIEC/ON/PHY/BNM PT13/D15004             |  |
| 18. | Mehta Dhruval - Physiotherapy | Dr.G.P.Kumar     | Immediate effects of tapping in osteoarthritis knee.   |  | 06/02/14<br>SVIEC/ON/PHY/BM MPT-B/D14154   | 16-01-15<br>SVIEC/ON/PHY/BNM PT13/D15005 |  |
| 19. | Soni Megha - Physiotherapy    | Dr.G.P.Kumar     | Evaluation of static and dynamic balance in flat foot. Sample size – 40                                    |  | 06/02/14<br>SVIEC/ON/PHY/BM MPT-B/D14146   | 16-01-15<br>SVIEC/ON/PHY/BNM PT13/D15009 |  |
| 20. | Joshi Shuchi - Physiotherapy  | Dr.G.P.Kumar     | To establish the validity of gujarati and hindi version of modified falls efficacy scale. Sample size – 98 |  | 06/02/14<br>SVIEC/ON/PHY/BM MPT-B/D14148   | 16-01-15<br>SVIEC/ON/PHY/BNM PT13/D15014 |  |
| 21. | Vrunda Lakhtaria              | Dr.Lata Parmar   | Effect of short term physiotherapy in patients with cervical spondylosis sample size – 32                  |  | 06/02/14<br>SVIEC/ON/PHY/BM MPT-B/D14163   | 16-01-15<br>SVIEC/ON/PHY/BNM PT13/D15012 |  |
| 22. | Mittal Sheth,                 | Dr. G. P. Kumar, | Prevalence of low back pain in rural farm labourers and their treatment seeking behaviour.                 |  | 06/02/2014<br>SVIEC/ON/PHY/BM PT-13/D14161 | 23-03-15<br>SVIEC/ON/BNMPT14/D15026      |  |
| 23. | Preksha Nagar                 | Dr. G. P.        | Quality of life in recent stroke patients and burden on  |  | 06/02/2014                                 | 23-03-15                                 |  |

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|     |   | Kumar,                | caregivers.  |                  | SVIEC/ON/PHY/BM<br>PT-13/D14147        | SVIEC/ON/BNMPt14/<br>D15027                 |  |
| 24. | Bhairavi<br>Bhandari -<br>physiotherapy | Prof. lata<br>parmar  | Effects of cryotherapy on<br>sensation and pinch strength  | Batch<br>2012-13 | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1371 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB144 |  |
| 25. | Devanshi<br>Vasavada -<br>physiotherapy | Prof. Lata<br>parmar  | To establish a normative value<br>for timed up and go test (tug)<br>in elderly population                                  |                  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1367 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB132 |  |
| 26. | Sneha Dhanani<br>- physiotherapy        | Prof. Lata<br>parmar  | Normative values of tandem<br>and unipedal stance in school<br>children  |                  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1373 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB145 |  |
| 27. | Prutha jani –<br>Physiotherapay         | prof. lata<br>parmar  | Use of tug to predict risk of<br>falls   |                  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1366 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB131 |  |
| 28. | ranakdevi jhala<br>- physiotherapy      | Dr.<br>gaurishankar   | To establish normal values of<br>static back extensor endurance<br>in normal adults  |                  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1358 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB142 |  |
| 29. | chandni mehta -<br>physiotherapy        | Dr. kalpesh<br>satani | Effect of sustained isometric<br>handgrip training on blood<br>pressure in normotensive and<br>pre-hypertensive population |                  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1363 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB141 |  |
| 30. | Ruchi mehta                             | Dr. kalpesh<br>satani | Assessment of strength,<br>balance & co-ordination in  |                  | 24/08/13<br>SVIEC/ON/PHYS/S            | 30/12/13<br>SVIEC/ON/PHY/BNM                |  |

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|     |              |                    | patients with moderate to severe copd  |  | RP/1361                                | PT-12/DB134                                 |  |
| 31. | Pinal Modi   | Prof. lata parmar  | Normative data of hand grip strength in various age groups of adult              |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1360 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB136 |  |
| 32. | pooja patel  | Dr. gaurishankar   | A study to measure body composition in girl students of medical university       |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1359 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB135 |  |
| 33. | Purvi patel  | Dr. gaurishankar   | Reference values of trunk mobility in normal adults                              |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1369 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB143 |  |
| 34. | Seema patel  | Dr. kalpesh satani | Effect of severity of smoking on ankle brachial index in asymptomatic smokers    |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1357 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB139 |  |
| 35. | Apexa rathva | Dr. gaurishankar   | To compare the hamstring muscle length between children and adults               |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1362 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB140 |  |
| 36. | Jinal shah   | Dr. kalpesh satani | Correlation of 6 minute walk test and body mass index in primary school children |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1365 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB138 |  |
| 37. | Priyal shah  | Prof. lata parmar  | Relationship of executive function and functional mobility in older adults with  |  | SVIEC/ON/PHYS/S<br>RP/1370             | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB137 |  |

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|     |               |                      | mild cognitive impairment<br>sample size - 108   |  |  |   |  |
| 38. | Jignasha vadi | Prof. lata<br>parmar | Relationship between trunk<br>control and activities of daily<br>living in stroke patients |  | 24/08/13<br>SVIEC/ON/PHYS/S<br>RP/1368 | 30/12/13<br>SVIEC/ON/PHY/BNM<br>PT-12/DB133 |  |